

**APPENDIX A**

Redacted

W.D. [unclear]  
[unclear] [unclear]

# Network Analysis

## OBJECTS INVOLVED

- TEMPLATES - S + D
- MAPS
- FILTERS
- EQUATIONS
- BUS RULES
- SCHEDULES
- SOURCE OF RECORD

which day  
is more

AND

## EXTERNAL APPS

(How? --)

- USE HAVE Registered  
groups for apps
- Use know experts  
Solomon  $\Rightarrow$  could  
pull in same solutions

Good enough ?? -

Ways cost control

BY THIS TIME - CHANCE

HAS HAPPENED OUTSIDE

OF US

"Fire-Flight-Mode" MODS

$\rightarrow$  BETTER FIRM  
NOTHING





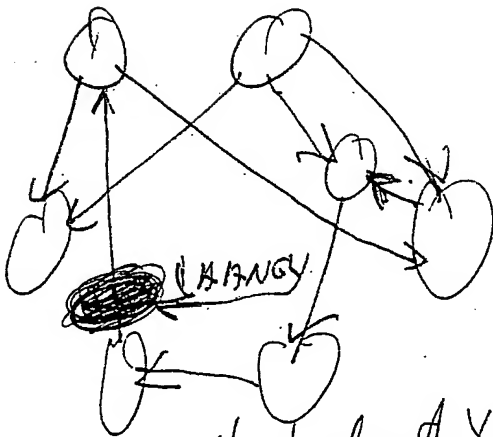
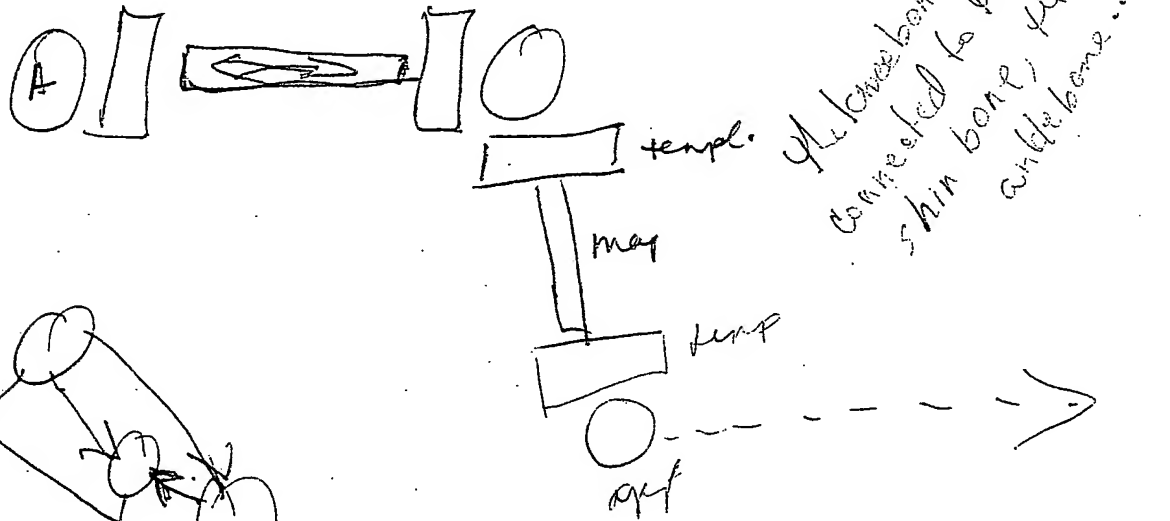
Redacted

(Bus Value)

Picture IT dept with lots of people w/ly interface...  
Could have disastrous implications "downstream."  
⇒ Can't leave it to humans to ~~SOLVE THIS~~ FOLLOW THROUGH  
TO ANALYZE POTENTIAL IMPACT...

[GOOD CANDIDATE FOR BPR]  
NO, MAYBE NOT, - NEED BETTER ACCESS  
TO INFO AND BETTER CONTROL POINTS.

Consider our view through



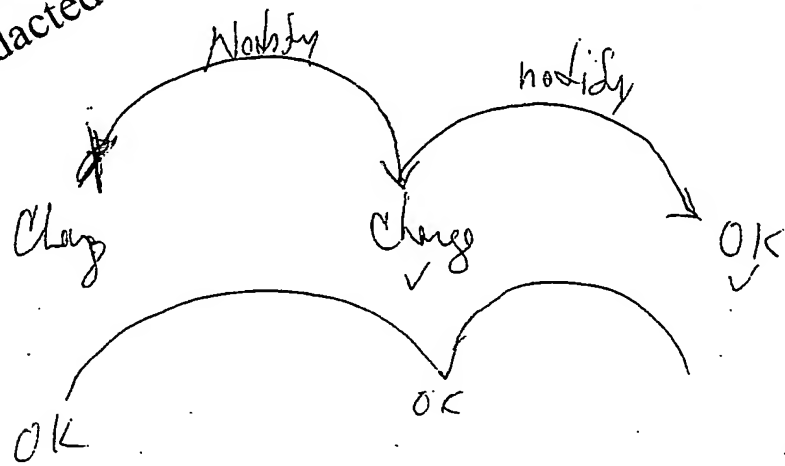
If you think about the  
full complex interconnectivity,  
one change could cause a  
horrible domino effect →  
845 items crash, or BAD DATA ⇒ BAD DECISIONS.

WITH OUR GUI, we have  
visibility to changes

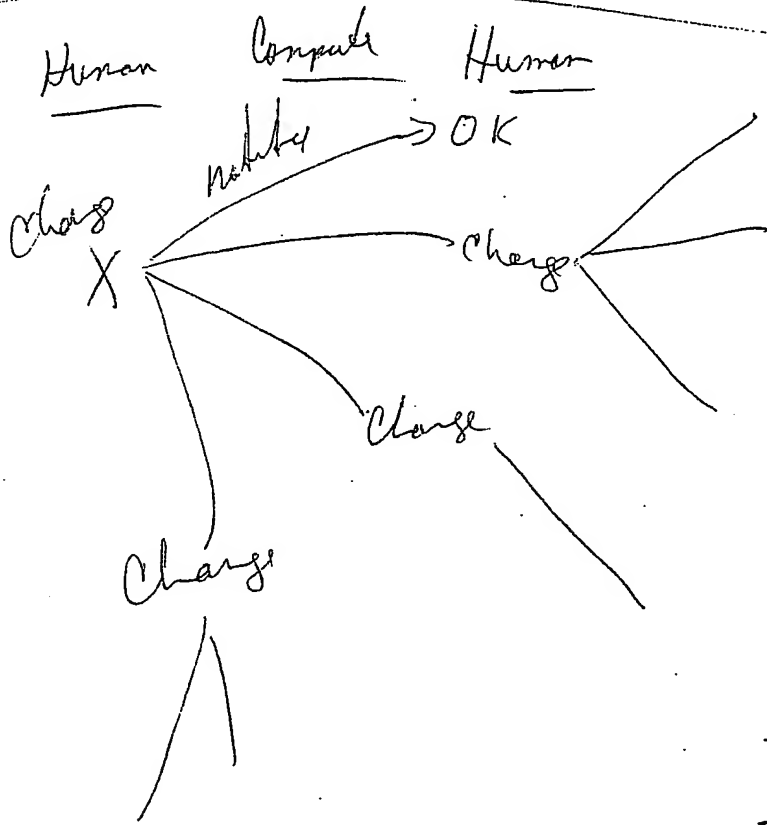


From Mfg  
w/ Issues  
Redacted

# IIP - INTEGRATION INTEGRITY PROCESS



lots Remain



Needs to  
be simplified  
via Recursion  
⇒ straight forward

- identity change
- check for visibility of impacted objects
- ~~flag these objects~~ (or notify owners)
- owner checks, and makes changes [recursive] or OK's [end point for roll back]



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So if you change, say, a field name in a template, that could mess up ~~by~~ someone else if the template is being used somewhere else also. And the Map that is connected -

[Maybe the map <sup>not</sup> or not all maps connected] would use that field. -

User view:

I built a template & a map that used that template, and it is in production, and I ~~check~~ <sup>pull up</sup> the data every day. I pull up the template & make the changes (eg field name). It should let me save it unless everything is

OK.

⇒ Need to traverse the network of connectivity to see if there's anything affected  
NO - proceed

YES → → → Can we fix what's impacted  
We could <sup>???</sup> notify owner, at least.

First Thoughts of the New Year

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Consider the aspect that we have visibility through the GVI. Since everything is built & managed through a GVI, we have visibility to all data that is moved through the environment, who conceives what through, when it moves, whether it successfully moves, whether it is correct data or not, who changes what, etc.

So we Need GREAT MONITORING CONSOLIDS...

WHAT BUSINESS VALUE DOES this bring?  
A view of all data used more than once  
? So?

People interactions with ~~Every~~ aspect...  
⇒ security / audit trails

~ So?  
Successful data movement/errors along the way. (as opposed to data cleanliness & correctness of the data) - remember we are dealing with metadata. Everything else is ephemeral

People changing things in system  
⇒ People make mistakes - can we prevent  
→ // That? What about even knowing what a change will do to other things





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What about GUI for 11?

We can email them (part of user info  
in security section)  
Need to know what I own that  
could be impacted.

How do I know if I have to  
do anything?

What if I don't do anything?  
[we need override ~~at~~ some  
super administrator]

What info could we give?

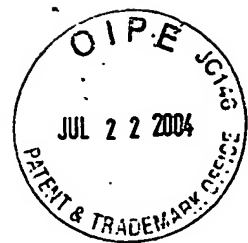
- What changed
- Who owns it [their phone/email will
- what ~~of~~ object be registered in user  
of mine ~~is~~ list]

is in question

Probably want some kind of dash board  
that shows the whole network  
and what ~~has~~ is involved.

What level of detail can we show?

Need to make sure we don't ~~just~~ <sup>4</sup> just  
present anything that touches  
on the network --



We know the metadata down to a pretty detailed level, so we could ACTUALLY give

- OBJECT (version #)
- TABLE, FIELD, ATTRIB.
- WHAT IT WAS, WHAT IT CHANGED?

If we have a GUI representation, could see the whole network of connections + drill down to highlighted objects to see ownership + detail.

Let's try a couple of prototypes -  
TAMMA / DAQUER  
when we can get to it.